

## Abstract

### BIGLYCAN AND RELATED THERAPEUTICS AND METHODS OF USE

5 The invention provides compositions and methods for treating, preventing, and  
diagnosing diseases or conditions associated with an abnormal level or activity of biglycan;  
disorders associated with an unstable cytoplasmic membrane, due, e.g., to an unstable dystrophin  
associated protein complex (DAPC); disorders associated with abnormal synapses or  
neuromuscular junctions, including those resulting from an abnormal MuSK activation or  
acetylcholine receptor (AChR) aggregation. Example of diseases include muscular dystrophies,  
10 such as Duchenne's Muscular Dystrophy, Becker's Muscular Dystrophy, neuromuscular  
disorders and neurological disorders.

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